Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

(Claim 1 has been cancelled.)

2.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the distances between said two or more speakers.

3.(Currently Amended) A method for modifying the acoustic effect of an array of two or more speakers responsive to a plurality of audio input signals from one or more signal processors, wherein each of said speakers is comprised of one or more acoustic transducers and wherein said two or more speakers are in the same enclosure, the method comprising:

providing one or more parameters ~~derived from~~ of the physical relational characteristics of said speakers with respect to one another in said enclosure; and

using at least one of said parameters to modify said audio input signals~~, wherein said two or more speakers are in the same enclosure~~.

(Claims 4-10 have been cancelled.)

11.(Currently Amended) A speaker system comprising two speaker assemblies, a first one of said speaker assemblies mounted in front of a listening area and a second one of said speaker assemblies mounted behind said listening area, wherein each of said assemblies comprises two or more ~~fixed~~ speakers mounted in a predetermined position with respect to each other, wherein each of said speakers includes one or more acoustic transducers, said speakers being responsive to a plurality of audio input signals from one or more signal processors, wherein said audio input signals are derived based on fixed input parameters ~~determined by~~ of predetermined speaker relational characteristics of said speakers with respect to one another.

(Claims 12-46 have been cancelled.)

47.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the azimuthal alignment of said two or more speakers.

48.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the sizes of said two or more speakers.

49.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative compliance of said two or more speakers.

50.(Currently Amended) The method of claim 3, wherein said physical relational characteristics include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

51.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative frequency response exhibited by said two or more speakers.

52.(Previously Presented) The method of claim 3, wherein said physical relational characteristics include the relative phase response exhibited by said two or more speakers.

53.(Previously Presented) The speaker system of claim 11, wherein said fixed input parameters are determined by the distances between said speakers.

54.(Previously Presented) The speaker system of claim 11, wherein said fixed input parameters are determined by the azimuthal alignment of the speakers.

55.(Previously Presented) The speaker system of claim 11, wherein said audio input signals are based on the sizes of the speakers.

56.(Previously Presented) The speaker system of claim 11, wherein said audio input signals are based on the relative compliance of the speakers.

57.(Previously Presented) The speaker system of claim 11, wherein said audio input signals are based on the relative compliance of the speaker assemblies.

58.(Previously Presented) The speaker system of claim 11, wherein said audio input signals are based on the relative phase response exhibited by the speakers.

59.(Previously Presented) The speaker system of claim 11, wherein said audio input signals are based on the relative frequency response exhibited by the speakers.

60.(Currently Amended) A method for modifying the acoustic effect of an array of two or more speakers mounted in a single enclosure responsive to a plurality of audio input signals from one or more signal processors, wherein each of said speakers is comprised of one or more acoustic transducers, comprising:

providing one or more parameters ~~derived from~~ of the relational characteristics of said speakers with respect to one another as determined by the mounting of the speakers in the enclosure; and

using at least one of said parameters to modify said audio input signals.

61.(Previously Presented) The method of claim 60, wherein said relational characteristics include the distances between said two or more speakers.

62.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the azimuthal alignment of said two or more speakers.

63.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the sizes of said two or more speakers.

64.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative compliance of said two or more speakers.

65.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

66.(Currently Amended) The method of claim 60, wherein said physical relational characteristics include the relative frequency response exhibited by said two or more speakers.

67.(Previously Presented) The method of claim 60, wherein said physical relational characteristics include the relative phase response exhibited by said two or more speakers.

68.(New) A method of producing a sound environment in a listening area from an array of two or more speakers mounted in a shared enclosure, each of said speakers comprised of one or more acoustic transducers and responsive to a respective one of a plurality of audio input signals supplied from one or more signal processors, the method comprising:

receiving a plurality of initial audio signals at said one or more signal processors;

modifying said initial audio signals in said one or more signal processors based on one or more parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosure to produce said plurality of audio input signals, wherein at least one of said parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosure is predetermined; and

supplying said plurality of audio input signals to said respective speakers.

69.(New) The method of claim 68, wherein said predetermined relational parameters include the distances between said two or more speakers.

70.(New) The method of claim 68, wherein said predetermined relational parameters include the azimuthal alignment of said two or more speakers.

71.(New) The method of claim 68, wherein said predetermined relational parameters include the sizes of said two or more speakers.

72.(New) The method of claim 68, wherein said predetermined relational parameters include the relative compliance of said two or more speakers.

73.(New) The method of claim 68, wherein said predetermined relational parameters include the relative compliance of the portions of the enclosure in which said two or more speakers are mounted.

74.(New) The method of claim 68, wherein said predetermined relational parameters include the relative frequency response exhibited by said two or more speakers.

75.(New) The method of claim 68, wherein said predetermined relational parameters include the relative phase response exhibited by said two or more speakers.

76.(New) A method of producing a sound environment in a listening area from a first array of two or more first speakers mounted in a first shared enclosure for placement in front of the listening area and a second array of two or more second speakers mounted in a second shared enclosure for placement to the rear of said listening area, each of said first speakers comprised of one or more acoustic transducers and responsive to a respective one of a plurality of front audio input signals supplied from one or more signal processors and each of said second speakers comprised of one or more acoustic transducers and responsive to a respective one of a plurality of rear audio input signals supplied from said one or more signal processors, the method comprising:

receiving a plurality of initial audio signals at said one or more signal processors;

modifying said initial audio signals in said one or more signal processors based on one or more first parameters of the physical relational characteristics of said first speakers

with respect to one another as mounted in the first shared enclosure to produce said plurality of front audio input signals, wherein at least one of said first parameters of the physical relational characteristics of said first speakers as mounted in the first shared enclosure is predetermined;

modifying said initial audio signals in said one or more signal processors based on one or more second parameters of the physical relational characteristics of said second speakers with respect to one another as mounted in the second shared enclosure to produce said plurality of rear audio input signals, wherein at least one of said second parameters of the physical relational characteristics of said second speakers as mounted in the first shared enclosure is predetermined;

supplying said plurality of front audio input signals to said respective first speakers; and

supplying said plurality of rear audio input signals to said respective second speakers.

77.(New) A method of producing a sound environment in a listening area from a plurality of arrays for deployment at a plurality of locations on the periphery of the listening area, each of said arrays comprising two or more speakers mounted in a shared enclosure, each of said speakers comprised of one or more acoustic transducers and responsive to a respective one of a plurality of audio input signals supplied from one or more signal processors, the method comprising:

receiving a plurality of initial audio signals at said one or more signal processors;

modifying said initial audio signals in said one or more signal processors based on one or more parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosures to produce said plurality of audio input signals, wherein at least one of said parameters of the physical relational characteristics of said speakers with respect to one another as mounted in the shared enclosures is predetermined; and

supplying said plurality of audio input signals to said respective speakers.

78.(New) The method of claim 77, further comprising:

deploying said plurality of arrays at said plurality of locations.

79.(New) The method of claim 77, wherein a first of said plurality of locations is in front of the listening area and a second of said plurality of locations is in rear of the listening area.

80.(New) The method of claim 79, wherein a third of said plurality of locations is to the left of the listening area and a fourth of said plurality of locations is to the right of the listening area.

81.(New) A sound reproduction system comprising:

a speaker array comprising two or more speakers responsive to a respective plurality of input signals and mounted in an enclosure to hold said speakers in a specified physical relation with respect to one another; and

one or more signal processors for providing said plurality of speaker input signals comprising:

an audio input circuit to receive a plurality of initial audio signals;

a processing portion to derive said respective plurality of speaker input signals from said plurality of initial audio signals based on one or more parameters of the specified physical relation of the speakers in the speaker array with respect to one another as held by the enclosure; and

an output circuit coupled to said processing portion to provide said respective plurality of speaker input signals to said speaker array.

82.(New) A sound reproduction system comprising:

a first speaker array for mounting in the front of a listening area, the first speaker array comprising two or more first speakers responsive to a respective plurality of front input signals and mounted in a first enclosure to hold said first speakers in a specified physical relation with respect to one another;

a second speaker array for mounting to the rear of the listening area, the second speaker array comprising two or more second speakers responsive to a respective plurality of

rear input signals and mounted in a second enclosure to hold said second speakers in a specified physical relation with respect to one another; and

one or more signal processors for providing said plurality of front and rear speaker input signals comprising:

an audio input circuit to receive a plurality of initial audio signals;

a processing portion to derive said respective plurality of front speaker input signals from said plurality of initial audio signals based on one or more parameters of the specified physical relation of the first speakers with respect to one another as held by the first enclosure and to derive said respective plurality of rear speaker input signals from said plurality of initial audio signal based on one or more parameters of the specified physical relation of the second speakers with respect to one another as held by the second enclosure; and

an output circuit coupled to said processing portion to provide said respective plurality of front speaker input signals to said first speaker array and to provide said respective plurality of rear speaker input signals to said second speaker array.

83.(New) A sound reproduction system comprising:

a plurality of arrays for deployment at a plurality of locations on the periphery of a listening area, each of said speaker arrays comprising two or more speakers responsive to a respective plurality of input signals and mounted in an enclosure to hold said speakers in a specified physical relation with respect to one another; and

one or more signal processors for providing said plurality of speaker input signals comprising:

an audio input circuit to receive a plurality of initial audio signals;

a processing portion to derive said respective plurality of speaker input signals from said plurality of initial audio signals based on one or more parameters of the specified physical relation of the speakers in the speaker array with respect to one another as held by the enclosures; and

an output circuit coupled to said processing portion to provide said respective plurality of speaker input signals to said speaker array.

84.(New) The sound reproduction system of claim 83, wherein a first of said plurality of locations is in front of the listening area and a second of said plurality of locations is in rear of the listening area.

85.(New) The sound reproduction system of claim 84, wherein a third of said plurality of locations is to the left of the listening area and a fourth of said plurality of locations is to the right of the listening area.